

PCT REQUEST

Original (for SUBMISSION)

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.162)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Russian Patent Office (RO/RU)
0-7	Applicant's or agent's file reference	PI-3128090
I	Title of Invention	PULSED PLASMA ACCELERATOR AND METHOD
II	Applicant	
II-1	This person is	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	GOSUDARSTVENNOE NAUCHNOE UCHREZHDENIE "GOSUDARSTVENNY NAUCHNO-ISSLEDOVATELSKY INSTITUT PRIKLADNOI MECHANIKI I ELEKTRO- DINAMIKI"
II-5	Address	GSP-3, A-80, Volokolamskoe shosse, d. 4 125993 Moscow Russian Federation
II-6	State of nationality	RU
II-7	State of residence	RU
II-8	Telephone No.	(7-095) 158-00-20
II-9	Facsimile No.	(7-095) 158-03-67

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III-1	Applicant and/or inventor	
III-1-1	This person is	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	ANTROPOV, Nikolay Nikolaevich
III-1-5	Address	ul. Glagoleva, d. 30, korp. 3, kv. 231 123585 Moscow Russian Federation
III-1-6	State of nationality	RU
III-1-7	State of residence	RU
III-2	Applicant and/or inventor	
III-2-1	This person is	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	DIYAKONOV, Grigory Alexandrovich
III-2-5	Address	ul. Sadovaya-Samotechnaya, d. 9, kv. 4 127473 Moscow Russian Federation
III-2-6	State of nationality	RU
III-2-7	State of residence	RU
III-3	Applicant and/or inventor	
III-3-1	This person is	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	ORLOV, Michail Michailovich
III-3-5	Address	Gurievsy proezd, d. 19, korp. 3, kv. 107 115597 Moscow Russian Federation
III-3-6	State of nationality	RU
III-3-7	State of residence	RU
III-4	Applicant and/or inventor	
III-4-1	This person is	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	POPOV, Garry Alekseevich
III-4-5	Address	1-aya ul. 8-go Marta, d. 3, kv. 104 125167 Moscow Russian Federation
III-4-6	State of nationality	RU
III-4-7	State of residence	RU

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III-5	Applicant and/or inventor	
III-5-1	This person is	applicant and inventor
III-5-2	Applicant for	US only
III-5-4	Name (LAST, First)	TYUTIN, Valery Konstantinovich
III-5-5	Address	ul. Katukova, d. 13, korp. 3, kv. 415 123181 Moscow Russian Federation
III-5-6	State of nationality	RU
III-5-7	State of residence	RU
III-6	Applicant and/or inventor	
III-6-1	This person is	applicant and inventor
III-6-2	Applicant for	US only
III-6-4	Name (LAST, First)	YAKOVLEV, Vladimir Nikolaevich
III-6-5	Address	ul. Moskovskaya, d. 18, kv. 44 141400 Chimki, Moskovskaya oblast Russian Federation
III-6-6	State of nationality	RU
III-6-7	State of residence	RU
IV-1	Agent or common representative; or address for correspondence	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	MELYAN, Alexander Rubenovich
IV-1-2	Address	G-467, a/ya 58 121467 Moscow Russian Federation
IV-1-3	Telephone No.	(7-095) 444-60-44
IV-1-4	Facsimile No.	(7-095) 786-26-71
IV-1-5	e-mail	melyanfam@mtu-net.ru

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V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
V-2	Item V-2 may be used to exclude (irrevocably) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier national application from which priority is claimed. As to the consequences of such national law provisions in these and certain other States, see Designations in PCT-SAFE Help.	RU
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	22 September 2003 (22.09.2003)
VI-1-2	Number	2003128090
VI-1-3	Country	RU
VI-2	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)
VIII	Declarations	Number of declarations
VIII-1	Declaration as to the identity of the inventor	-
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	1
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	1
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-

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VIII-2-1	<p>Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name (LAST, First)</p>	<p>in relation to this international application</p> <p>GOSUDARSTVENNOE NAUCHNOE UCHREZHDENIE "GOSUDARSTVENNY NAUCHNO-ISSLEDOVATELSKY INSTITUT PRIKLADNOI MECHANIKI I ELEKTRODINAMIKI" is entitled to apply for and be granted a patent by virtue of the following:</p>
VIII-2-1(i)		<p>GOSUDARSTVENNOE NAUCHNOE UCHREZHDENIE "GOSUDARSTVENNY NAUCHNO-ISSLEDOVATELSKY INSTITUT PRIKLADNOI MECHANIKI I ELEKTRODINAMIKI" is entitled as employer of the inventor, ANTROPOV, Nikolay Nikolaevich</p>
VIII-2-1(i)		<p>GOSUDARSTVENNOE NAUCHNOE UCHREZHDENIE "GOSUDARSTVENNY NAUCHNO-ISSLEDOVATELSKY INSTITUT PRIKLADNOI MECHANIKI I ELEKTRODINAMIKI" is entitled as employer of the inventor, DIYAKONOV, Grigory Alexandrovich</p>
VIII-2-1(i)		<p>GOSUDARSTVENNOE NAUCHNOE UCHREZHDENIE "GOSUDARSTVENNY NAUCHNO-ISSLEDOVATELSKY INSTITUT PRIKLADNOI MECHANIKI I ELEKTRODINAMIKI" is entitled as employer of the inventor, ORLOV, Michail Michailovich</p>
VIII-2-1(i)		<p>GOSUDARSTVENNOE NAUCHNOE UCHREZHDENIE "GOSUDARSTVENNY NAUCHNO-ISSLEDOVATELSKY INSTITUT PRIKLADNOI MECHANIKI I ELEKTRODINAMIKI" is entitled as employer of the inventor, POPOV, Garry Alekseevich</p>
VIII-2-1(i)		<p>GOSUDARSTVENNOE NAUCHNOE UCHREZHDENIE "GOSUDARSTVENNY NAUCHNO-ISSLEDOVATELSKY INSTITUT PRIKLADNOI MECHANIKI I ELEKTRODINAMIKI" is entitled as employer of the inventor, TYUTIN, Valery Konstantinovich</p>
VIII-2-1(i)		<p>GOSUDARSTVENNOE NAUCHNOE UCHREZHDENIE "GOSUDARSTVENNY NAUCHNO-ISSLEDOVATELSKY INSTITUT PRIKLADNOI MECHANIKI I ELEKTRODINAMIKI" is entitled as employer of the inventor, YAKOVLEV, Vladimir Nikolaevich</p>

PI-3128090

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VIII-2-1(i) x)	This declaration is made for the purposes of:	all designations except the designation of the United States of America
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VIII-4-1	<p>Declaration: Inventorship (only for the purposes of the designation of the United States of America)</p> <p>Declaration of Inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:</p>	<p>I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.</p> <p>This declaration is directed to the international application of which it forms a part (if filing declaration with application).</p> <p>I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.</p> <p>I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications", by application number, country or Member of the World Trade Organization, day, month, and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.</p>
VIII-4-1-1	Prior applications:	2003128090, RU, 22 September 2003 (22.09.2003)



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		<p>I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.</p> <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>
VIII-4-1-1-1	Name (LAST, First)	ANTROPOV, Nikolay Nikolaevich
VIII-4-1-1-2	Residence: (city and either US State, if applicable, or country)	Moscow, Russian Federation
VIII-4-1-1-3	Mailing address:	ul. Glagoleva, d. 30, korp. 3, kv. 231, 123585 Moscow, Russian Federation
VIII-4-1-1-4	Citizenship:	RU
VIII-4-1-1-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1-1-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	



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VIII-4-1-2-1	Name (LAST, First)	DIYAKONOV, Grigory Alexandrovich
VIII-4-1-2-2	Residence: (city and either US State, if applicable, or country)	Moscow, Russian Federation
VIII-4-1-2-3	Mailing address:	ul. Sadovaya-Samotechnaya, d. 9, kv. 4 127473 Moscow Russian Federation
VIII-4-1-2-4	Citizenship:	RU
VIII-4-1-2-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1-2-6	Date (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	
VIII-4-1-3-1	Name (LAST, First)	ORLOV, Michail Michailovich
VIII-4-1-3-2	Residence: (city and either US State, if applicable, or country)	Moscow, Russian Federation
VIII-4-1-3-3	Mailing address:	Gurievsy proezd, d. 19, korp. 3, kv. 107, 115597 Moscow, Russian Federation
VIII-4-1-3-4	Citizenship:	RU
VIII-4-1-3-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1-3-6	Date (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	


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VIII-4-1-4-1	Name (LAST, First)	POPOV, Garry Alekseevich
VIII-4-1-4-2	Residence: (city and either US State, if applicable, or country)	Moscow, Russian Federation
VIII-4-1-4-3	Mailing address:	1-aya ul. 8-go Marta, d. 3, kv. 104, 125167 Moscow, Russian Federation
VIII-4-1-4-4	Citizenship:	RU
VIII-4-1-4-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1-4-6	Date (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	
VIII-4-1-5-1	Name (LAST, First)	TYUTIN, Valery Konstantinovich
VIII-4-1-5-2	Residence: (city and either US State, if applicable, or country)	Moscow, Russian Federation
VIII-4-1-5-3	Mailing address:	ul. Katukova, d. 13, korp. 3, kv. 415 123181 Moscow Russian Federation
VIII-4-1-5-4	Citizenship:	RU
VIII-4-1-5-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1-5-6	Date (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	

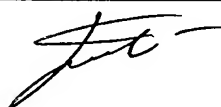
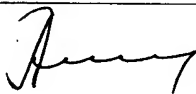

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VIII-4-1-6-1	Name (LAST, First)	YAKOVLEV, Vladimir Nikolaevich
VIII-4-1-6-2	Residence: (city and either US State, if applicable, or country)	Chimki, Moskovskaya oblast, Russian Federation
VIII-4-1-6-3	Mailing address:	ul. Moskovskaya, d. 18, kv. 44, 141400 Chimki, Moskovskaya oblast, Russian Federation
VIII-4-1-6-4	Citizenship:	RU
VIII-4-1-6-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1-6-6	Date (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	





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IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	14	✓
IX-2	Description	27	-
IX-3	Claims	3	-
IX-4	Abstract	1	✓
IX-5	Drawings	6	-
IX-7	TOTAL	51	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract	2	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name	GOSUDARSTVENNOE NAUCHNOE UCHREZHDENIE "GOSUDARSTVENNY NAUCHNO-ISSLEDOVATELSKY INSTITUT PRIKLADNOI MECHANIKI I ELEKTRO- DINAMIKI"	
X-1-2	Name of signatory	POPOV, Garry Alekseevich	
X-1-3	Capacity	Director	
X-2	Signature of applicant, agent or common representative		
X-2-1	Name (LAST, First)	ANTROPOV, Nikolay Nikolaevich	
X-2-2	Name of signatory		
X-2-3	Capacity		
X-3	Signature of applicant, agent or common representative		
X-3-1	Name (LAST, First)	DIYAKONOV, Grigory Alexandrovich	
X-3-2	Name of signatory		
X-3-3	Capacity		

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X-4	Signature of applicant, agent or common representative	
X-4-1	Name (LAST, First)	ORLOV, Michail Michailovich
X-4-2	Name of signatory	
X-4-3	Capacity	
X-5	Signature of applicant, agent or common representative	
X-5-1	Name (LAST, First)	POPOV, Garry Alekseevich
X-5-2	Name of signatory	
X-5-3	Capacity	
X-6	Signature of applicant, agent or common representative	
X-6-1	Name (LAST, First)	TYUTIN, Valery Konstantinovich
X-6-2	Name of signatory	
X-6-3	Capacity	
X-7	Signature of applicant, agent or common representative	
X-7-1	Name (LAST, First)	YAKOVLEV, Vladimir Nikolaevich
X-7-2	Name of signatory	
X-7-3	Capacity	

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	

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